

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

1. (Currently Amended): A guide apparatus including:

a track rail having rolling element rolling surfaces extending in a longitudinal direction thereof; and

a moving block relatively movably attached to said track rail, said moving block having an approximately U-shaped sectional configuration in a plane perpendicular to the longitudinal direction of said track rail, said moving block having skirt portions formed at both sides of an opening thereof and being mounted astride said track rail,

said moving block having:

a moving block body having load rolling element rolling surfaces that form load rolling element rolling passages in cooperation with said rolling element rolling surfaces, said moving block body further having rolling element relief bores associated with said load rolling element rolling surfaces; and

end plates mounted astride said track rail and secured to both ends of said moving block body in a direction of relative movement of said moving block, said end plates each having rolling element direction change passages that form rolling element recirculation passages in cooperation with said load rolling element rolling passages and rolling element relief bores;

wherein a plurality of rolling elements are disposed in said rolling element recirculation passages so as to recirculate in response to relative movement of said track rail and moving block;

said guide apparatus being characterized by comprising:

said moving block having a plurality of attachment devices, ~~including lubricators~~, mounted astride said track rail and ~~secured to~~ attached to respective outer ends of said end plates in said direction of relative movement; ~~and~~

said attachment devices including lubricators, at least one of a set of end seals and a set of laminated contact scrapers, and outermost scrapers disposed outermost among said attachment devices in said direction of relative movement; and

foreign matter entry preventing plates provided so that their respective distal ends longitudinally contact opposite side surfaces of said track rail to close gaps between the side surfaces of said track rail and ~~at least~~ inner side surfaces of the skirt portions on both sides of said moving block body, inner side surfaces of said end plates and inner side surfaces of said attachment devices except said outermost scrapers;

said outermost scrapers having side surfaces perpendicular to the longitudinal direction of said track rail, said side surfaces being larger in size than respective side surfaces of said moving block body, end plates and attachment devices except said outermost scrapers that are perpendicular to the longitudinal direction of said track rail so that end portions of said foreign matter entry preventing plates can be attached to the side surfaces of said outermost scrapers;

said foreign matter entry preventing plates each having a length ~~equal to a distance between outermost ones of said attachment devices, which are disposed outermost in the direction of relative movement of said moving block,~~ said foreign matter entry preventing plates having their opposite ends secured to the outermost ones of said attachment devices in the longitudinal direction of said track rail that is equal to a total of lengths of said moving block body and end plates in the longitudinal direction of said track rail and lengths of the attachment devices except said outermost scrapers in the longitudinal direction of said track rail;

opposite end surfaces of said foreign matter entry preventing plates in the longitudinal direction of said track rail being secured to the side surfaces of said outermost scrapers.

2. (Cancelled).

3. (Previously Presented): A guide apparatus according to claim 1, wherein said foreign matter entry preventing plates are secured to respective end surfaces of the skirt portions on both sides of said moving block body.

4. (Previously Presented): A guide apparatus according to claim 1, wherein outermost ones of said plurality of attachment devices are metal scrapers formed from metal plates, wherein longitudinal end surfaces of said foreign matter entry preventing plates are secured to said metal scrapers.

5. (Previously Presented): A guide apparatus according to claim 1, wherein said foreign matter entry preventing plates each comprise:

a plate-shaped foreign matter entry preventing plate casing made of a material of high rigidity; and

a plate-shaped foreign matter entry preventing plate body made of a flexible material, said foreign matter entry preventing plate body being fitted to one side end portion of said foreign matter entry preventing plate casing;

wherein one side end surface of said foreign matter entry preventing plate body is brought into contact with one side surface of said track rail.

6. (Previously Presented): A guide apparatus according to claim 1, wherein said foreign matter entry preventing plates each comprise:

a plate-shaped foreign matter entry preventing plate casing made of a material of high rigidity;

a plate-shaped foreign matter entry preventing plate body made of a flexible material; and

a foreign matter entry preventing plate retainer made of a material of high rigidity;

wherein said foreign matter entry preventing plate casing is secured to an end surface of one of the skirt portions on both sides of said moving block body in a state where one side end surface of said foreign matter entry preventing plate body is brought into contact with one side surface of said track rail and where said foreign matter entry preventing plate body is held between said foreign matter entry preventing plate retainer and said foreign matter entry preventing plate casing.

7. (Previously Presented): A guide apparatus according to claim 1, wherein said foreign matter entry preventing plates have respective side end surfaces perpendicularly contacting the opposite side surfaces of said track rail.

8. (Original): A guide apparatus according to claim 7, wherein said foreign matter entry preventing plates have self-lubricating capability.